2015 HCP summer school

Wrap Up

2015 edition of the school

We 24th	Th 25th	Fr 26th	Sa 27th	Su 28th	Mo 29th	Tu 30th	We 1st	Th 2nd	Fr 3rd
Welcome									
Standard Model 1/3 Y. Nir	Standard Model 2/3 Y. Nir	Standard Model 3/3 Y. Nir	BSM Theory 1/4 M. Schmaltz		BSM Theory 2/4 M. Schmaltz	BSM Theory 3/4 M. Schmaltz	BSM Theory 3/4 M. Schmaltz	Accelerators 1/2 Zimmermann	Accelerators 2/2 Zimmermann
coffee	coffee	coffee	coffee		coffee	coffee	coffee	coffee	coffee
Statistics 1/3 K. Cranmer	Statistics 2/3 K. Cranmer	Statistics 3/3 K. Cranmer	Heavy Ions 1/2 J. Grosse-Oetringhaus		Heavy Ions 2/3 J. Grosse-Oetringhaus	Heavy Ions 3/3 J. Grosse-Oetringhaus	Future Detectors 2/3 W. Riegler	Future Detectors 3/3 W. Riegler	Flavour 3/3 T. Gershon
Higgs Analysis 1/3 M. Kado	Higgs Analysis 2/3 M. Kado	Top 1/2 A. Lister	Higgs Analysis 3/3 M. Kado		Top 2/2 A. Lister	Future Detectors 1/3 W. Riegler	Flavour 1/3 T. Gershon	Flavour 2/3 T. Gershon	**20 years of top: the discovery story** B. Klima
lunch	lunch	lunch	lunch		lunch	lunch	lunch	lunch	lunch
Dark Matter Astroparticle N. Weiner	QCD & Monte Carlo 1/3 P. Skands	QCD & Monte Carlo 2/3 P. Skands	QCD & Monte Carlo 3/3 P. Skands		Trigger & DAQ 1/2 G. Raven	Trigger & DAQ 2/2 G. Raven	BSM exp 1/2 P. Sphicas	BSM exp 2/2 P. Sphicas	**Wrap-up**
Discussion Session 16.00 – 17.30	**Discussion Session** 16.00 – 17.30	**Discussion Session** 16.00 – 17.30	**Discussion Session** 16.00 – 17.30		**Physics at Future Colliders** M. Mangano	**Discussion Session** 16.00 – 17.30	**Discussion Session** 16.00 – 17.30	**Discussion Session** 16.00 – 17.30	CERN VISIT
WELCOME COCKTAIL			BBQ					FAREWELL DINNER	

EXCURSION

Thanks!

First of all, a big thank you to the lecturers!

Lecture Topics and Lecturers

Statistics in HEP - K. Cranmer

Heavy Flavour - T. Gershon

Heavy ion - J.F. Grosse-Oetringhaus

Standard Model - Y. Nir

Higgs searches and measurements - M. Kado

BSM theory - M. Schmaltz

BSM searches - P. Sphicas

Top physics - A. Lister

QCD and Monte Carlos - P. Skands

Accelerators - F. Zimmerman

Detectors for the future - W. Riegler

Trigger and DAQ - G. Raven

Special lectures

Future Colliders - M. Mangano

20 years of top: the discovery story - B. Klima

Dark Matter Astroparticle - N. Weiner

Thanks!

… and to the discussion leaders!

Markus Schulze
Fabrizio Caola
Daniel Stolarski
Pedro Schwaller
Sebastian Sapeta
Roberto Franceschini
Valerio Bertone
Florian Goertz
Florian Staub
Roberto Pittau
Matteo Cacciari
Chris Young
Geraldine Conti
Andi Salzburger

Bruno Lenzi
Nick Wardle
Tristan du Pree
Cristina Botta
Marc Duenser
Sevda Esen
Tim Head
Conor Fitzpatrick
Paras Naik
Davide Caffari
Leticia Cunqueiro Mendez
Alice Ohlson
Jason Kamin

Thanks!

To the LOC and IAC …

Local Organizing Committee

Filip Moortgat (CERN, co-chair)

Giulia Zanderighi (CERN/Oxford, co-chair)

André David (CERN)

Nick Ellis (CERN)

Vladimir Gligorov (CERN)

Heather Gray (CERN)

Alexander Kalweit (CERN)

Patricia Mage-Granados (CERN)

Andreas Weiler (CERN/DESY)

International Advisory Committee

John Campbell(Fermilab)

Richard Cavanaugh (Fermilab)

Dmitri Denisov (Fermilab)

Patrick Fox (Fermialb)

Al Goshaw (Duke)

Richard Hawkings (CERN)

Jaco Konigsberg (Florida)

Patrick Koppenburg (Nikhef)

Andreas Kronfeld (Fermilab)

Michelangelo Mangano (CERN)

Aleandro Nisati (Rome I)

Albert De Roeck (CERN)

Gavin Salam (CERN)

Peter Skands (Monash)

Maria Spiropulu(Caltech)

Marco Verzocchi (Fermilab)

Thanks!

And finally …

… even though the LHC did not find any supersymmetry yet …

… the CERN-FNAL HCP summer school did have superpartners:

The school administrators/organizers: Patricia and Zina

-FNAL summer school

Questionnaire

Please fill out the questionnaire:

https://espace.cern.ch/cern-fnal-hcpss/Lists/2015Questionnaire/overview.aspx

- Level of the lectures, quality of the lecturers, selection of topics?
- Less overview, more detail or the opposite?
- Format of the Discussion sessions?
- Overall organization?
- Social activities?
- …

Please send us your feedback!
It is important for us to be able to improve the schools in the future!

CERN visits

This afternoon, for those of you who registered:

CERN Visit

Meeting point is Building 33 (CERN Reception) at 15:15
Two groups, but all taking a bus due to the high temperature

More details in the school page:
https://indico.cern.ch/event/353089/page/8